

FIG. 1

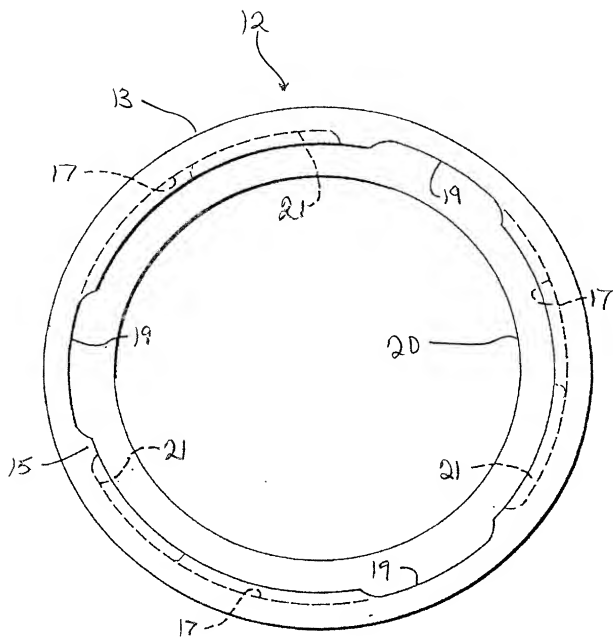


Figure 1A

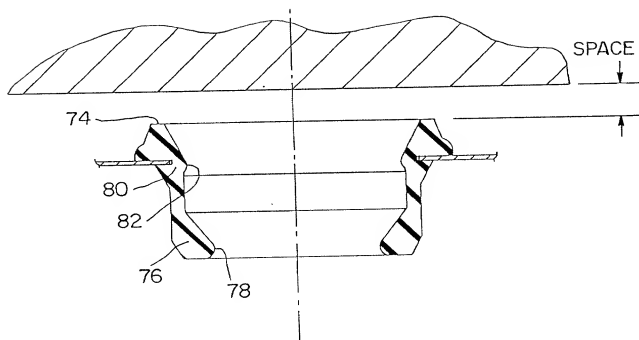


FIG. 2

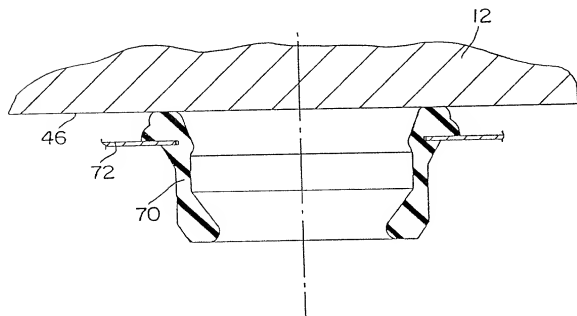


FIG. 3

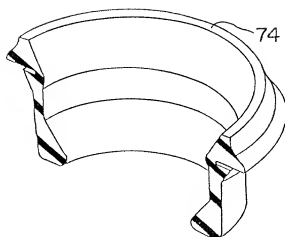


FIG. 4a

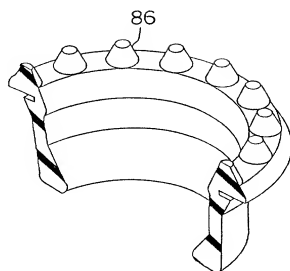


FIG. 4b

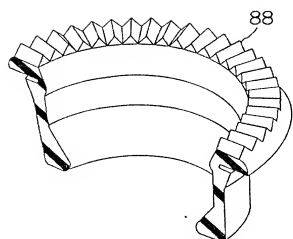


FIG. 4c

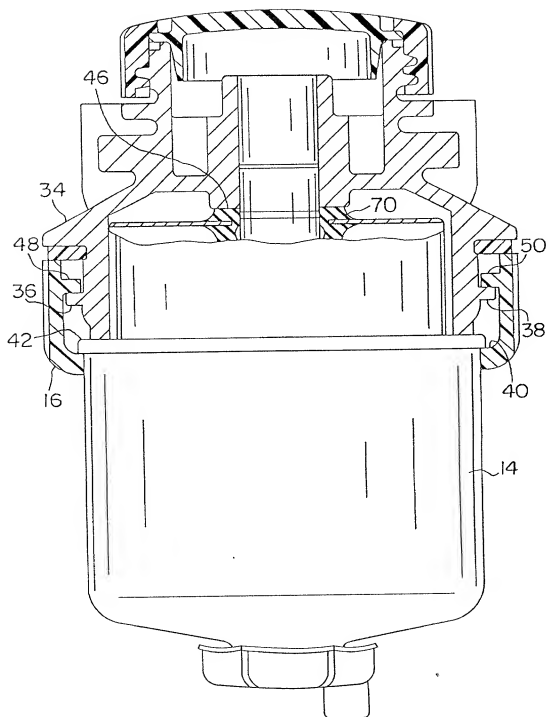


FIG. 5

PRIOR ART

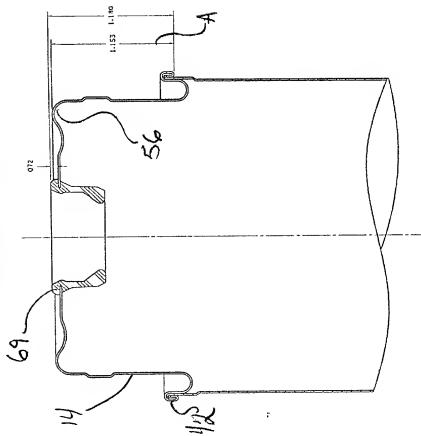


Figure 7

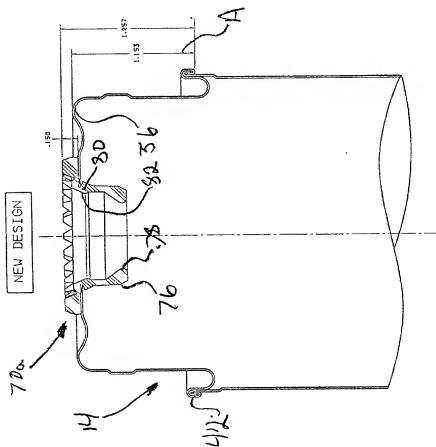
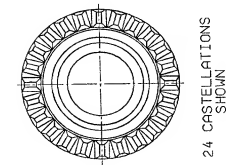
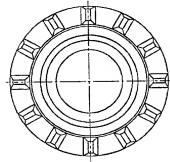


Figure 6

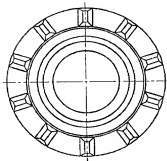
ANY NUMBER OF SPRING FEATURES (CASTELLATIONS) POSSIBLE



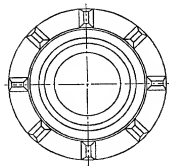
24 CASTELLATIONS  
SHOWN



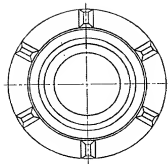
12 CASTELLATIONS  
SHOWN



10 CASTELLATIONS  
SHOWN

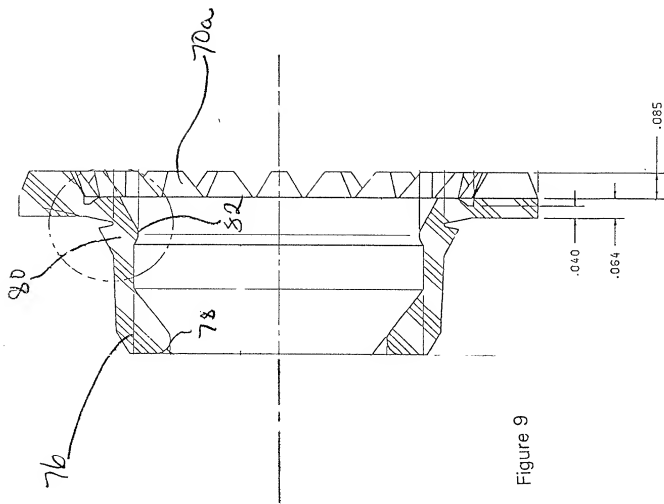


8 CASTELLATIONS  
SHOWN



6 CASTELLATIONS  
SHOWN

Figure 8





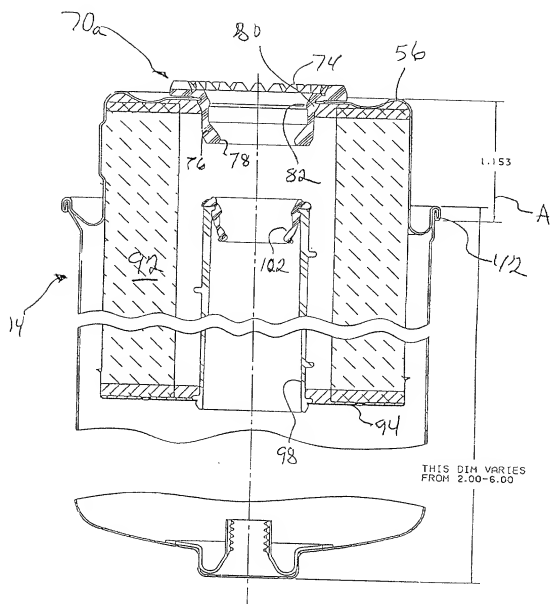


Figure 10

Load vs Deflection

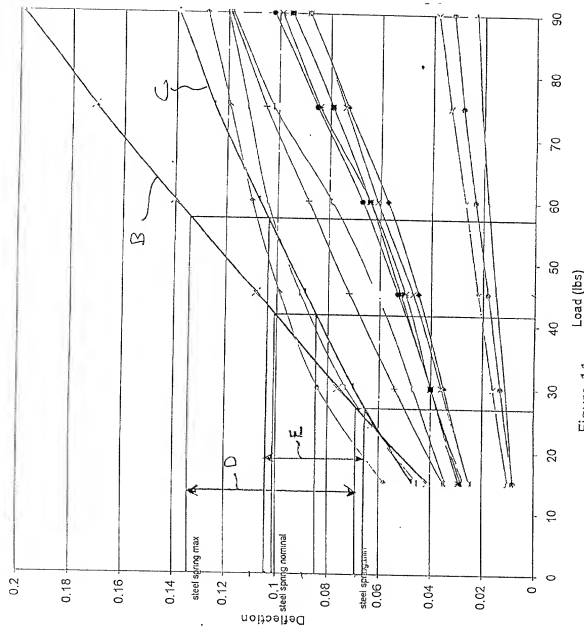


Figure 11

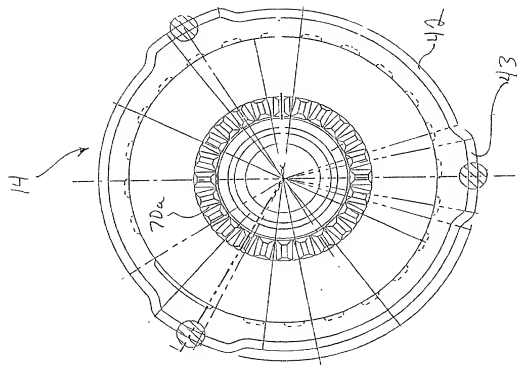


Figure 12